

2005 Edition of the Detailed Drawings Supplemental Release (April 2006) Summary

Below is a table summarizing the changes made to the Detailed Drawings for your convenience. Note, only the drawings that have changed are listed in this table. For more detailed information on these drawings or any of the drawings not listed, please contact the Construction Administration Services Bureau at (406) 444-0453. You may also contact the MDT/MSU Design Section at (406) 994-1859 for any inquiries or comments on the Detailed Drawings at any time.

Dtl. Dwg. No.	Detailed Drawing Title	Summary of Changes
TTL1	Title Sheet	Updated date.
TOC1	Table of Contents	Updated to reflect drawing changes.
TOC2	Table of Contents	Updated to reflect drawing changes.
TOC3	Table of Contents	Updated to reflect drawing changes.
TOC4	Table of Contents	Updated to reflect drawing changes.
TOC5	Table of Contents	Updated to reflect drawing changes.
TOC6	Table of Contents	Updated to reflect drawing changes.
208-00	Schedule of Best Management Practices	Changed drawing title of 208-12A and 208-12B.
208-12A	Erosion Cont. Blankets/Mats, Plastic Covers & Geotextiles (SS-7)	Changed drawing title. Updated Geotextile callouts, installation and specification references. Added Erosion Control Blankets installation and specification references.
208-12B	Erosion Cont. Blankets/Mats, Plastic Covers & Geotextiles (SS-7)	Changed drawing title.
208-16	Earth Dikes/Drainage Swales & Lined Ditches (SS-9)	Changed reference to SS-7, as title of SS-7 changed.
208-18	Outlet Protection/Velocity Dissipation Devices (SS-10)	Changed all references to "Geotextile" to "Permanent Erosion Control Geotextile." Added Geotextile installation and specification references.
208-30	Silt Fence (SC-1)	Added reference to Std. Specs. 716 for materials.
208-32A	Desilting Basin (SC-2)	Changed all references to "Geotextile" and "Geofabric" to "Permanent Erosion Control Geotextile." Added Geotextile installation and specification references. Fixed spelling error.
208-36	Check Dams (SC-4)	Fixed spelling error.
208-58	Entrance/Exit Tire Wash (TC-3)	Fixed spelling error.
208-60	Temporary Stream Crossings (NS-4)	Changed all references to "Geofabric" to "Permanent Erosion Control Geotextile." Added Geotextile installation and specification references. Fixed spelling errors.
552-04	Concrete, Riprap and Bedding Material Quantities For Sing. and Dbl. Culvert Installation	Removed 48" (1200 mm) & equivalent size pipes and smaller, re-worked notes and misc. other changes. Updated bedding quantities for RCPA's.
552-06	Concrete, Riprap and Bedding Material Quantities For Sing. and Dbl. Culvert Installation	Re-worked notes, removed 3:1 columns and misc. other changes.
552-08	Concrete, Riprap and Bedding Material Quantities For Sing. and Dbl. Culvert Installation	Removed 48" (1200 mm) equivalent size pipes and smaller, re-worked notes and misc. other changes. Re-moved 3:1 columns. Added 2.5:1 quantities for edge protection. Re-formatted table to match metric format. Changed format for SSPP's to be in ft and in.
603-18	Culvert Bedding for Mainline Crossings 48" (1200 mm) Equivalent &	Changed drawing title. Completely re-did drawing.

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	Smaller	
603-19	Culvert Bedding for Mainline Crossings 54" (1350 mm) Equivalent & Larger	New drawing.
603-20	RCP Culvert Bedding	Rescinded drawing.
603-32	Step Bevel For Circular Metal Culvert	Removed 48" (1200 mm) pipe, Changed SSPP sizes from inches to feet & inches.
606-05A	Metal Guardrail - Wood Posts	Added minimum distance to obstacle note.
606-05B	Metal Guardrail - Steel Posts	Added minimum distance to obstacle note.
606-07	Stiffened Guardrail Sections	Updated distance limits to obstacle and altered note #1 to not specify C.B.R. when limits cannot be achieved. Directed to use a "Rigid Barrier" in these cases.
606-09	Nested W-Beam Guardrail	Added minimum distance to obstacle note.
606-11A	Metal Guardrail - 7' (2.1 m) Wood Posts	New drawing.
606-11B	Metal Guardrail - 7' (2.1 m) Steel Posts	New drawing.
606-13B	Optional Terminal Section - SKT 350	Updated drawing per Manufacturer's drawings.
606-30B	Impact Attenuator - TRACC	Revised per modified design from Manufacturer.
606-30C	Impact Attenuator - QUEST	New drawing.
606-31B	Impact Attenuator - TRACC Assembly Details	Revised per modified design from Manufacturer.
606-31C	Impact Attenuator - QUEST Assembly Details	New drawing.
606-50	Box Beam Guardrail	Updated minimum distance to obstacle note.
606-60	Concrete Barrier Rail	Added minimum distance to obstacle note.
606-61	Alternate Concrete Barrier Rail	Added minimum distance to obstacle note.
606-62	Concrete Barrier Rail Anchors	Added minimum distance to obstacle note.
606-92	Cable Guardrail Hardware	Fixed several dimensions that were shown in metric on English drawing only.
607-25	Chain Link Fence	Added 8' (2.4 m) Chain Link Fence.
607-50	Wildlife Fence	New drawing.
613-16	Embankment Protection	Changed all references to "Geotextile" to "Permanent Erosion Control Geotextile." Added Geotextile installation and specification references. Change riprap key-in details. Add lapping detail showing geotextile installation.
618-00	Barricades, Channelizing Devices and Object Markers	Changed drawing title. Added Type 2 Object Markers and reworked notes relating to Vertical Panels and Object Markers some. Removed Post-Mounted Vertical Panels. Added signs on barricades note. Re-arranged drawing onto 11x17.
618-04	Two-Lane Construction Project	Modified "Normal Posted Speed Limit Sign" notes and drafting. Also removed "XX = Speed determined by the engineer" note.
618-08	Two-Lane Construction Project Work Zones	Modified "Normal Posted Speed Limit Sign" notes and drafting.
618-10	Two-Lane Construction Project Seal Coat	Modified "Normal Posted Speed Limit Sign" notes and drafting.
618-12	Two-Lane Construction Project Lane Closure - Flagger Controlled	Added "Flagger Controlled" to title. Modified "Normal Posted Speed Limit Sign" notes and drafting. Also added

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		"XX = Speed determined by the engineer" note.
618-13	Two-Lane Construction Project Lane Closure - Signal Controlled	New drawing.
618-16	Two-Lane Equipment Entrances	Modified "Normal Posted Speed Limit Sign" notes and drafting.
618-18	Two-Lane Construction Project Detour	Modified "Normal Posted Speed Limit Sign" notes and drafting. Also Changed end detour barricade stripes to be in correct direction and changed designation to B(III)-L. Changed the M4-10 Detour Arrow sign on the barricade to a generic W1-6 arrow. Moved signs on barricades to above the barricade. Added the W24-1 diversion arrow for when tangent distance is less than 600' (180 m)
618-20	Divided Four-Lane Construction Project	Modified "Normal Posted Speed Limit Sign" notes and drafting. Also removed "XX = Speed determined by the engineer" note.
618-21	Temporary Entrance Ramp Median Crossing	Added note about filling any existing Rumble Strips where traffic will cross with PMS. Moved signs on barricades to above the barricade. Added "Raised Rigid Pavement Markers Type I or II" and associated notes. Added color designations to these markers.
618-22	Temporary Exit Ramp Median Crossing	Changed barricade stripes to be in correct direction and changed designation to B(III)-L. Added note about filling any existing Rumble Strips where traffic will cross with PMS. Moved signs on barricades to above the barricade. Added "Raised Rigid Pavement Markers Type I or II" and associated notes. Added color designations to these markers.
618-24	Divided Four-Lane Construction Project Work Zones	Modified "Normal Posted Speed Limit Sign" notes and drafting.
618-27	Divided Four-Lane Equipment Entrances	Modified "Normal Posted Speed Limit Sign" notes and drafting.
618-28	Divided Four-Lane Median Crossings	Modified "Normal Posted Speed Limit Sign" notes and drafting.
618-30	Temporary Four-Lane to Two-Lane Median Crossing	Changed the first barricade sign to an arrow. Added note about filling any existing Rumble Strips where traffic will cross with PMS. Reduced the spacing of the Two-Way traffic signs from 2 miles (3.2 km) to 1 mile (1.6 km.) Repeat W7-3a's every 3 miles (4.8 km) note added. Moved signs on barricades to above the barricade. Added "Raised Rigid Pavement Markers Type I or II" and associated notes. Added color designations to these markers. Added "L" designation to W1-4.
618-32	Temporary Two-Lane to Four-Lane Median Crossing	Modified "Normal Posted Speed Limit Sign" notes and drafting. Added note about filling any existing Rumble Strips where traffic will cross with PMS. Reduced the spacing of the Two-Way traffic signs from 2 miles (3.2 km) to 1 mile (1.6 km). Repeat W7-3a's every 3 miles (4.8 km) note added. Added "Raised Rigid Pavement Markers Type I or II" and associated notes. Added color designations to these markers. Changed "L" designation on W1-4 to "R", as it was incorrect.
618-34	Short Duration Crew Signing	Changed the generic Normal Posted Speed Limit Sign to say "Speed Limit XX Trucks XX".
618-36	Short-Term Stationary Crew Signing	Changed the generic Normal Posted Speed Limit Sign to say

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		"Speed Limit XX Trucks XX".
618-M1	Maintenance Guideline For Short-Term Two-Lane Crack Sealing Work Zone	Changed the generic Normal Posted Speed Limit Sign to say "Speed Limit XX Trucks XX". Reduced the space at the end of the work area from the End Work Zone sign to the Speed Limit sign from 1400' (420m) to 250' (75 m). Changed Note #4 to place additional flagger ahead sign between R2-1 & W3-4 signs.
618-M2	Maintenance Guideline For Short-Term Two-Lane Chip Seal & Overlay (Piloted Traffic)	Changed the generic Normal Posted Speed Limit Sign to say "Speed Limit XX Trucks XX". Reduced the space at the end of the work area from the End Work Zone sign to the Speed Limit sign from 1400' (420 m) to 250' (75 m). Changed Note #3 to place additional flagger ahead
618-M3	Maintenance Guideline For Short-Term Lane Closure on Interstate	Changed the generic Normal Posted Speed Limit Sign to say "Speed Limit XX Trucks XX".
619-00	Sign Clearances and Mounting Heights	Updated Horizontal Curve Adjustment table on English Dwg. per 2002 Roadside Design Guide, no changes to metric.
619-32	Milepost (Reference Post) Details	Increased embedment depth from 2' (0.6 m) to 3' (0.9 m).
619-34	Delineator Details	Updated degree of curve to radii on English, no changes to metric.
619-36	Delineator Placement Details	Added 2 LB./FT. (3 kg/m) MAX. post size to notes. Updated degree of curve to radii on English.
619-38	Object Marker Design and Placement Details For Obstructions Adjacent to or Within Highways	Added 2 LB./FT. (3 kg/m) MAX. Type 2 Object Marker post size to notes. Changed mounting height of Type 3's to "4'-0" (1.2 m) Min."
900-15	Adjustable Monument Box	New drawing.